

RAW SEQUENCE LISTING

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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=6; day=4; hr=14; min=40; sec=44; ms=14;]

=====

Reviewer Comments:

1.

W402 Undefined organism found in <213> in SEQ ID (119)

<210> 119

<211> 102

<212> DNA

<213> recombinant construct

* * * * *

For SEQ ID # 119, numeric identifier <213> can only be one of three choices, "Scientific name, i.e. Genus/species, Unknown or Artificial Sequence." Numeric identifier <213> may not be the name of a gene or protein. For all sequences using "Unknown or Artificial sequence", for numeric identifier <213>, a mandatory feature is required to explain the source of the genetic material. The feature consists of numeric identifier <220>, which remains blank and, numeric identifier <223>, which states the source of the genetic material. Suggest using "Artificial sequence" for numeric identifier <213> and "recombinant construct" for numeric identifier <223> in the mandatory feature. Please make all necessary changes.

2.

W402 Undefined organism found in <213> in SEQ ID (31)

W402 Undefined organism found in <213> in SEQ ID (32)

W402 Undefined organism found in <213> in SEQ ID (47)

W402 Undefined organism found in <213> in SEQ ID (48)

W213 Artificial or Unknown found in <213> in SEQ ID (49)

W213 Artificial or Unknown found in <213> in SEQ ID (50)

W213 Artificial or Unknown found in <213> in SEQ ID (51)
W213 Artificial or Unknown found in <213> in SEQ ID (52)
W213 Artificial or Unknown found in <213> in SEQ ID (53)
W213 Artificial or Unknown found in <213> in SEQ ID (54)
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W213 Artificial or Unknown found in <213> in SEQ ID (57)
W213 Artificial or Unknown found in <213> in SEQ ID (58)
W213 Artificial or Unknown found in <213> in SEQ ID (59)
W402 Undefined organism found in <213> in SEQ ID (61)
W213 Artificial or Unknown found in <213> in SEQ ID (63)
W213 Artificial or Unknown found in <213> in SEQ ID (64)
W213 Artificial or Unknown found in <213> in SEQ ID (65)
W213 Artificial or Unknown found in <213> in SEQ ID (66)
W213 Artificial or Unknown found in <213> in SEQ ID (67)
W213 Artificial or Unknown found in <213> in SEQ ID (68)
W213 Artificial or Unknown found in <213> in SEQ ID (69)
W213 Artificial or Unknown found in <213> in SEQ ID (70)
W213 Artificial or Unknown found in <213> in SEQ ID (71) This
error has occurred more than 20 times, will not be displayed

The warnings shown above are ok and require no response.

Application No: 10539992 Version No: 3.0

Input Set:**Output Set:**

Started: 2009-05-18 17:22:58.039
Finished: 2009-05-18 17:23:07.952
Elapsed: 0 hr(s) 0 min(s) 9 sec(s) 913 ms
Total Warnings: 43
Total Errors: 0
No. of SeqIDs Defined: 119
Actual SeqID Count: 119

Error code	Error Description
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W 402	Undefined organism found in <213> in SEQ ID (32)
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W 402	Undefined organism found in <213> in SEQ ID (48)
W 213	Artificial or Unknown found in <213> in SEQ ID (49)
W 213	Artificial or Unknown found in <213> in SEQ ID (50)
W 213	Artificial or Unknown found in <213> in SEQ ID (51)
W 213	Artificial or Unknown found in <213> in SEQ ID (52)
W 213	Artificial or Unknown found in <213> in SEQ ID (53)
W 213	Artificial or Unknown found in <213> in SEQ ID (54)
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W 213	Artificial or Unknown found in <213> in SEQ ID (57)
W 213	Artificial or Unknown found in <213> in SEQ ID (58)
W 213	Artificial or Unknown found in <213> in SEQ ID (59)
W 402	Undefined organism found in <213> in SEQ ID (61)
W 213	Artificial or Unknown found in <213> in SEQ ID (63)
W 213	Artificial or Unknown found in <213> in SEQ ID (64)
W 213	Artificial or Unknown found in <213> in SEQ ID (65)
W 213	Artificial or Unknown found in <213> in SEQ ID (66)

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Total Warnings: 43

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No. of SeqIDs Defined: 119

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Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (68)
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W 213	Artificial or Unknown found in <213> in SEQ ID (70)
W 213	Artificial or Unknown found in <213> in SEQ ID (71) This error has occurred more than 20 times, will not be displayed
W 402	Undefined organism found in <213> in SEQ ID (119)

SEQUENCE LISTING

<110> KURODA, Masaharu

<120> Plant with Reduced Protein Content in Seed, Method of
Constructing the Same and Method of Using the Same

<130> 59150-8035

<140> 10539992

<141> 2009-05-18

<150> PCT/JP2003/015753

<151> 2003-12-09

<150> JP 2002-369700

<151> 2002-12-20

<160> 119

<170> PatentIn version 3.3

<210> 1

<211> 617

<212> DNA

<213> Oryza sativa

<220>

<223> 13kD prolamine RM9

<400> 1

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cgtaaggcag cagtgcagca cagtggcaac ccccttcttc caatcacccg tgtttcaact 240
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gtctcactgc caggccatta gcagtgttca ggctattgtg cagcagctac ggctacaaca 360
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cgtcgggtgt atctgtgtatt gaattgtagc agtatagtag tacaggagag aaaaataaag 540
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<211> 156

<212> PRT

<213> Oryza sativa

<220>

<223> 13kD prolamine RM9

<400> 2

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Ala Ser Ala Gln Phe Asp Ala Val Thr Gln Val Tyr Arg Gln Tyr Gln
          20           25           30

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Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
 85 90 95
 Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Val Gly
 100 105 110
 Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Ala Leu Leu Ala
 115 120 125
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 130 135 140
 Pro Arg Ser Ile Pro Thr Val Gly Gly Val Trp Tyr
 145 150 155

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 <212> DNA
 <213> Oryza sativa

<220>
 <223> 13kD prolamine

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 aaccaagtct ggcaacatca ggctgggtggc caacaatctc gctatcagga cattaacatt 480
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 cctaggtact atgggtgcacc cagtaccatt accacccttg gcggtgtctt gtaatgtgtt 660
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<210> 6
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 <212> PRT
 <213> Oryza sativa

<220>
 <223> 13kD prolamine

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 20 25 30
 Leu Gln Ser Pro Val Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
 35 40 45
 Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
 50 55 60
 Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln His Gln Ala
 65 70 75 80
 Gly Gly Gln Gln Ser Arg Tyr Gln Asp Ile Asn Ile Val Gln Ala Ile
 85 90 95
 Ala Tyr Glu Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp Arg
 100 105 110

Asn Gln Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Val Pro Ser Arg
 115 120 125
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 130 135 140
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 <212> DNA
 <213> Oryza sativa

<220>
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 caagtattat acagaaaaat agaaagatct agtgtccgc agcaatgaag atcattttcg 180
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 aaagttatag gcaatatcag ctgcagtcgc ctgtcctgct acagcaacag gtgcttagcc 300
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 ctgcatttca actgagaaac aaccaagtct ggcaacagct cgcgctggtg gcccaacaat 420
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 ttggtgatct ctactttgat cggaatctgg ctcaagctca gttggctttt aacgtgccat 540
 ctgatatatg tatctacctt aggtactatg gtgcaccag taccattacc acccttggcg 600
 gtgtcttgta atgtgtttta acaaggtata gtggttcgga agttaaaaaat aagctcagat 660
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<210> 8
 <211> 148
 <212> PRT
 <213> Oryza sativa

<220>
 <223> 13kD prolamine

<400> 8
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 Leu Gln Ser Pro Val Leu Leu Gln Gln Val Leu Ser Pro Tyr Asn
 35 40 45
 Glu Phe Val Arg Gln Gln Tyr Gly Ile Ala Ala Ser Pro Phe Leu Gln
 50 55 60
 Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Trp Gln Gln Leu Ala
 65 70 75 80
 Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Ile Val Gln Ala
 85 90 95
 Ile Ala Gln Gln Leu Gln Leu Gln Gln Phe Gly Asp Leu Tyr Phe Asp
 100 105 110
 Arg Asn Leu Ala Gln Ala Gln Leu Ala Phe Asn Val Pro Ser Arg Tyr
 115 120 125
 Gly Ile Tyr Pro Arg Tyr Tyr Gly Ala Pro Ser Thr Ile Thr Thr Leu
 130 135 140
 Gly Gly Val Leu

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<210> 9
<211> 650
<212> DNA
<213> *Oryza sativa*

<220>
<223> 13kD prolamine

<400> 9
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attacagcga aagcataaca actagaatcc taccacaatg aagatcattt tcttctttgc 180
tctccttget gaagctgcat gtagcgctc tgcgcagttt gatgctgtta ctcaagtta 240
caggcaatat cagctgcagc aacagatgct tagcccatgc ggtgagttcg taaggcagca 300
gtgcagcaca gtggcaaccc ctttcttcca atcaccctg tttcaactga gaaactgcc 360
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ctacttcgat caggctcaag ctcaagccca agctatgttg ggcctaaact tgccgtcaat 540
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<210> 10
<211> 149
<212> PRT
<213> *Oryza sativa*

<220>
<223> 13kD prolamine

<400> 10
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1 5 10 15
Ala Ser Ala Gln Phe Asp Ala Val Thr Gln Val Tyr Arg Gln Tyr Gln
20 25 30
Leu Gln Gln Gln Met Leu Ser Pro Cys Gly Glu Phe Val Arg Gln Gln
35 40 45
Cys Ser Thr Val Ala Thr Pro Phe Phe Gln Ser Pro Val Phe Gln Leu
50 55 60
Arg Asn Cys Gln Val Met Gln Gln Gln Cys Cys Gln Gln Leu Arg Met
65 70 75 80
Ile Ala Gln Gln Ser His Cys Gln Ala Ile Ser Ser Val Gln Ala Ile
85 90 95
Val Gln Gln Leu Gln Leu Gln Gln Phe Ser Gly Val Tyr Phe Asp Gln
100 105 110
Ala Gln Ala Gln Ala Gln Ala Met Leu Gly Leu Asn Leu Pro Ser Ile
115 120 125
Cys Gly Ile Tyr Pro Ser Tyr Asn Thr Val Pro Glu Ile Pro Thr Val
130 135 140
Gly Gly Ile Trp Tyr
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<210> 11
<211> 629
<212> DNA
<213> *Oryza sativa*

<220>

<223> 13kD prolamine

<400> 11

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cgtaaggcaa cagcatagca tagtggcaac ccccttctgg caaccagcta cgtttcaatt    240
gataaacaac caagtcatgc agcaacagtg ttgccaacag ctcaggctgg tagcgcaaca    300
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ggtegggtgt gtctactttg atcagactca agctcaagct caagctttgc tggccttaaa    420
cttgccatcc atatgtggtg tctatcctaa ctactacatt gctccgagga gcattccac    480
cgttgggtgtg tctggtagtg aattgtaata gtataatggt tcaaagtgtt aaaataaagt    540
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<210> 12

<211> 158

<212> PRT

<213> Oryza sativa

<220>

<223> 13kD prolamine

<400> 12

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          20           25           30
Leu Gln Ser His Leu Gln Leu Gln Gln Gln Val Leu Ser Pro Cys Ser
          35           40           45
Glu Phe Val Arg Gln Gln His Ser Ile Val Ala Thr Pro Phe Trp Gln
          50           55           60
Pro Ala Thr Phe Gln Leu Ile Asn Asn Gln Val Met Gln Gln Gln Cys
65           70           75           80
Cys Gln Gln Leu Arg Leu Val Ala Gln Gln Ser His Tyr Gln Ala Ile
          85           90           95
Ser Ser Val Gln Ala Ile Val Gln Gln Leu Gln Leu Gln Gln Val Gly
          100          105          110
Val Val Tyr Phe Asp Gln Thr Gln Ala Gln Ala Gln Ala Leu Leu Ala
          115          120          125
Leu Asn Leu Pro Ser Ile Cys Gly Ile Tyr Pro Asn Tyr Tyr Ile Ala
          130          135          140
Pro Arg Ser Ile Pro Thr Val Gly Val Ser Gly Thr Glu Leu
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<210> 13

<211> 603

<212> DNA

<213> Oryza sativa

<220>

<223> 13kD prolamine

<400> 13

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aggcaacagt atagcatagt ggcaaccccc ttctggcaac cagctacgtt tcaattgata 240
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 <211> 156
 <212> PRT
 <213> Oryza sativa

<220>
 <223> 13kD prolamine

<400> 14

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			20				25						30		
Leu	Gln	Ser	His	Leu	Leu	Leu	Gln	Gln	Gln	Val	Leu	Ser	Pro	Cys	Ser
		35				40					45				
Glu	Phe	Val	Arg	Gln	Gln	Tyr	Ser	Ile	Val	Ala	Thr	Pro	Phe	Trp	Gln
		50				55				60					
Pro	Ala	Thr	Phe	Gln	Leu	Ile	Asn	Asn	Gln	Val	Met	Gln	Gln	Gln	Cys
65					70					75				80	
Cys	Gln	Gln	Leu	Arg	Leu	Val	Ala	Gln	Gln	Ser	His	Tyr	Gln	Ala	Ile
			85					90					95		
Ser	Ile	Val	Gln	Ala	Ile	Val	Gln	Gln	Leu	Gln	Leu	Gln	Gln	Phe	Ser
		100					105						110		
Gly	Val	Tyr	Phe	Asp	Gln	Thr	Gln	Ala	Gln	Ala	Gln	Thr	Leu	Leu	Thr
		115				120						125			
Phe	Asn	Leu	Pro	Ser	Ile	Cys	Gly	Ile	Tyr	Pro	Asn	Tyr	Tyr	Ser	Ala
	130					135					140				
Pro	Arg	Ser	Ile	Ala	Thr	Val	Gly	Gly	Val	Trp	Tyr				
145					150					155					

<210> 15
 <211> 601
 <212> DNA
 <213> Oryza sativa

<220>
 <223> 13kD prolamine

<400> 15

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atattaggca	atatcagggtg	cagtcgcctc	tcttgcctaca	gcaacagggtg	cttagcccat	180
ataatgagtt	cgtaaggcag	cagtatagca	ttgcggcaag	caccttcttg	caatcagctg	240
cgtttcaact	gagaaacaac	caagtcttgc	aacagctcag	gctgggtggcg	caacaatctc	300
actaccagga	cattaacgtt	gtccaggcca	tagcgcacca	gctacacctc	cagcagtttg	360
gcaatctcta	cattgaccgg	aatctggctc	aagctcaagc	actgttggct	tttaacttgc	420

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<210> 16
<211> 151
<212> PRT
<213> Oryza sativa

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<220>
<223> 13kD prolamine

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<400> 16
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20          25          30
Val Gln Ser Pro Leu Leu Leu Gln Gln Gln Val Leu Ser Pro Tyr Asn
35          40          45
Glu Phe Val Arg Gln Gln Tyr Ser Ile Ala Ala Ser Thr Phe Leu Gln
50          55          60
Ser Ala Ala Phe Gln Leu Arg Asn Asn Gln Val Leu Gln Gln Leu Arg
65          70          75          80
Leu Val Ala Gln Gln Ser His Tyr Gln Asp Ile Asn Val Val Gln Ala
85          90          95
Ile Ala His Gln Leu His Leu Gln Gln Phe Gly Asn Leu Tyr Ile Asp
100         105         110
Arg Asn Leu Ala Gln Ala Gln Ala Leu Leu Ala Phe Asn Leu Pro Ser
115         120         125
Thr Tyr Gly Ile Tyr Pro Trp Se

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